

SOME NAME-CHANGES FOR HEDGE BAMBOOS

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The subtropical Chinese Hedge Bamboo and its many varieties and cultivars are favorites in horticulture. The dwarf variety, Chinese Goddess Bamboo, has solid culms of 1-3 m high and 3-5 mm in diameter. Its leafy branches are always arched in bow-form, each bearing 13-23 leaves. These leaves are mostly 16-32 mm long and 2.6-6.5 mm wide. The typical form, however, may reach a height of 10 m and a diameter of 4 cm, with leaves 5-16 cm long and 7-16 mm wide. The variegated cultivars range from those with green culms bearing cream-colored stripes as in 'Silverstripe' to orange-yellow culms with green stripes as in 'Alphonse Karr' and to yellowish-reddish culms with green stripes in 'Stripestem Fernleaf'. Hence they offer a wide spectrum of heights, leaf sizes, and variegation for screens, single clump ornamentals, and even bonsai. Their compact clumps and dense branches make them also a good choice for hedges. Moreover, they are the most cold-resistant unicaespitose bamboos in cultivation, capable of surviving in temperatures down to -7°C.

The ornamental value and other desirable qualities of Hedge Bamboos have long attracted the admiration of gardeners and plant collectors. They were thus widely propagated in the Old World and, since around the turn of this century, also in the New. In fact, they are by far the commonest tuft bamboos cultivated in the South Atlantic and Gulf States and in southern California (Young & Haun 1961). As they expanded in distribution, they were also labelled with more superfluous names.

The commonest binomial currently in use for Hedge Bamboo in Chinese, Japanese and American literature is Bambusa multiplex (Loureiro) Raeuschel. This identification was made by Merrill (1923, 1935). However, Holttum (1956) argued convincingly that this binomial could not possibly apply to Hedge Bamboo and that the correct name should be Bambusa glaucescens (Willdenow) Siebold ex Munro. After careful comparison of our materials and available literature, we agree with Holttum, and thus find it necessary to make the following combinations, in anticipation of our reports on the bamboos of China (including Hong Kong).

1. Chinese Goddess Bamboo

Bambusa glaucescens (Willd.) Sieb. ex Munro var. riviereorum (R. Maire) Chia et H.L. Fung, comb. nov. --- Bambusa multiplex (Lour.) Raeuschel var. riviereorum R. Maire, Flore Afrique Nord 1:355. 1952. --- Bambusa scriptoria sensu A. et C. Riviere, Les Bambous 228. 1878, non Dennst. 1818.

2. Shimada Hedge Bamboo

Bambusa glaucescens (Willd.) Sieb. ex Munro var. shimadai (Hayata) Chia et But, comb. nov. -- Bambusa shimadai Hayata, Icon. Pl. Form. 6:59. 1916. --- Bambusa multiplex (Lour.) Raeuschel var. shimadai (Hayata) Sasaki, Trans. Nat. Hist. Soc. Form. 21:118. 1931. --- Leleba shimadai (Hayata) Nakai, Journ. Jap. Bot. 9:1. 1933.

3. Alphonse Karr Hedge Bamboo (Bambusa glaucescens 'Alphonse Karr')

Bambusa glaucescens (Willd.) Sieb. ex Munro cv. Alphonse Karr (Young) Chia et But, comb. nov. --- Bambusa multiplex (Lour.) Raeuschel var. Alphonse Karr Young, Nat'l Hort. Mag. 25:260, 264. 1946. --- Bambusa multiplex (Lour.) Raeuschel cv. Alphonse Karr Young, U.S.D.A. Agri. Handb. No. 193:40. 1961. --- Bambusa alphonso-karri Mitf. ex Satow, Trans. Asi. Soc. Jap. 27:91. pl. 3. 1899. --- Bambusa nana Roxb. var. normalis Makino ex Shirokawa f. alphonso-karri (Mitf. ex Satow) Makino ex Shirokawa, Nippon Chiku-Bui Dzufu (Icon. Bamb. Jap.) 56. pl. 9. 1912. --- Bambusa nana Roxb. var. alphonso-karri (Satow) Marliac ex Camus, Les Bamb. 121. 1913. --- Bambusa multiplex (Lour.) Raeuschel f. alphonso-karri (Satow) Nakai, Rika Kyoiku 15: 67. 1932. --- Bambusa multiplex (Lour.) Raeuschel var. normalis Sasaki f. alphonso-karri Sasaki, Cat. Gov. Herb. (Formosa) 68. 1930. --- Bambusa glaucescens (Lam.) Munro ex Merr. f. alphonso-karri (Satow) Hatusima, Fl. Ryukyus 854. 1971. --- Leleba multiplex (Lour.) Nakai f. alphonso-karri (Satow) Nakai, Jour. Jap. Bot. 9:14. 1933.

4. Fernleaf Hedge Bamboo (Bambusa glaucescens 'Fernleaf')

Bambusa glaucescens (Willd.) Sieb. ex Munro cv. Fernleaf (Young) Chia et But, comb. nov., --- Bambusa multiplex (Lour.) Raeuschel var. Fernleaf Young, Nat'l Hort. Mag. 25:261, 266. 1946. --- Bambusa multiplex (Lour.) Raeuschel cv. Fernleaf Young, U.S.D.A. Agri. Handb. No. 193:40. 1961. --- Bambusa multiplex (Lour.) Raeuschel var. nana (Roxb.) Keng. f., Nat'l Forestry Res. Bur. China Tech. Bull. No. 8: 17. 1948, non Roxb. 1832.

Ischurochloa floribunda Büse ex Miquel, Fl. Jungh. 390. 1851. --- Bambusa floribunda (Büse) Zoll. et Maur. ex Steud., Syn. Pl. Gram. 330. 1854. --- Leleba floribunda (Büse) Nakai, Jour. Jap. Bot. 9:10. pl. 1. 1933.

Bambusa nana Roxb. var. gracillima Makino ex Camus, Les Bamb. 121. 1913, non Kurz. 1866.

Leleba elegans Koidz., Acta Phytotax. Geobot. 3:27. 1934. --- Bambusa multiplex (Lour.) Raeuschel var. elegans (Koidz.) Muroi, Sugimoto, New Keys Jap. Tr. 457. 1961.

5. Silverstripe Hedge Bamboo (Bambusa glaucescens 'Silverstripe')

Bambusa glaucescens (Willd.) Sieb. ex Munro cv. Silverstripe (Young) Chia et But, comb. nov., --- Bambusa multiplex (Lour.) Raeuschel var. Silverstripe Young, Nat'l. Hort. Mag. 25:260, 264. 1946. --- Bambusa multiplex (Lour.) Raeuschel cv. Silverstripe Young, U.S.D.A. Agri. Handb. No. 193:41. 1961.

Bambusa nana Roxb. var. variegata Camus, Les Bamb. 121. 1913. --- Bambusa multiplex (Lour.) Raeuschel f. variegata (Camus) Hatusima, Fl. Okinawa 128. 1967. --- Leleba multiplex (Lour.) Nakai f. variegata Nakai, Journ. Jap. Bot. 9:16. 1933.

6. Silverstripe Fernleaf Hedge Bamboo (Bambusa glaucescens 'Silverstripe Fernleaf')

Bambusa glaucescens (Willd.) Sieb. ex Munro cv. Silverstripe Fernleaf (Young) Chia et But, comb. nov. --- Bambusa multiplex var. Silverstripe Fernleaf Young, Nat'l. Hort. Mag. 25:261, 269. 1946. --- Bambusa multiplex (Lour.) Raeuschel cv. Silverstripe Fernleaf Young, U.S.D.A. Agri. Handb. No. 193:41. 1961.

Bambusa nana Roxb. f. albo-variegata Makino, Journ. Jap. Bot. 1:28. 1917. --- Bambusa floribunda (Büse) Zoll. et Maur. ex Steud. f. albo-variegata Nakai, Rika Kyoiku 15:66. 1932. --- Leleba floribunda (Büse) Nakai f. albo-variegata Nakai, Journ. Jap. Bot. 9:12. 1933. --- Bambusa multiplex (Lour.) Raeuschel var. elegans (Koidz.) Muroi f. albo-variegata (Makino) Muroi, Sugimoto, New Keys Jap. Tr. 457. 1961.

7. Stripestem Fernleaf Hedge Bamboo (Bambusa glaucescens 'Stripestem Fernleaf')

Bambusa glaucescens (Willd.) Sieb. ex Munro cv. Stripestem Fernleaf (Young) Chia et But, comb. nov. --- Bambusa multiplex (Lour.) Raeuschel var. Stripestem Fernleaf Young, Nat'l. Hort. Mag. 25:261. 1946. --- Bambusa multiplex (Lour.) Raeuschel cv. Stripestem Fernleaf Young, U.S.D.A. Agri. Handb. No. 193:41. 1961.

Bambusa nana Roxb. var. typica Makino ex Tsuboi f. viridistriata Makino ex Tsuboi, Illus. Jap. Sp. Bamb. ed. 2. 44, pl. 45. 1916. --- Bambusa nana Roxb. f. viridistriata Makino, Journ. Jap. Bot. 1:28. 1917. --- Bambusa floribunda (Büse) Zoll. et Maur. ex Steud. f. viridistriata Nakai, Rika Kyoiku 15:66. 1932. --- Leleba floribunda (Büse) Nakai f. viridistriata Nakai, Journ. Jap. Bot. 9:12. 1933. --- Bambusa multiplex (Lour.) Raeuschel var. elegans (Koidz.) Muroi f. viridistriata (Makino ex Tsuboi) Muroi, Sugimoto, New Keys Jap. Tr. 457. 1961.

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